Zoom in on

In the Sky

Moon



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In the Sky

Moon



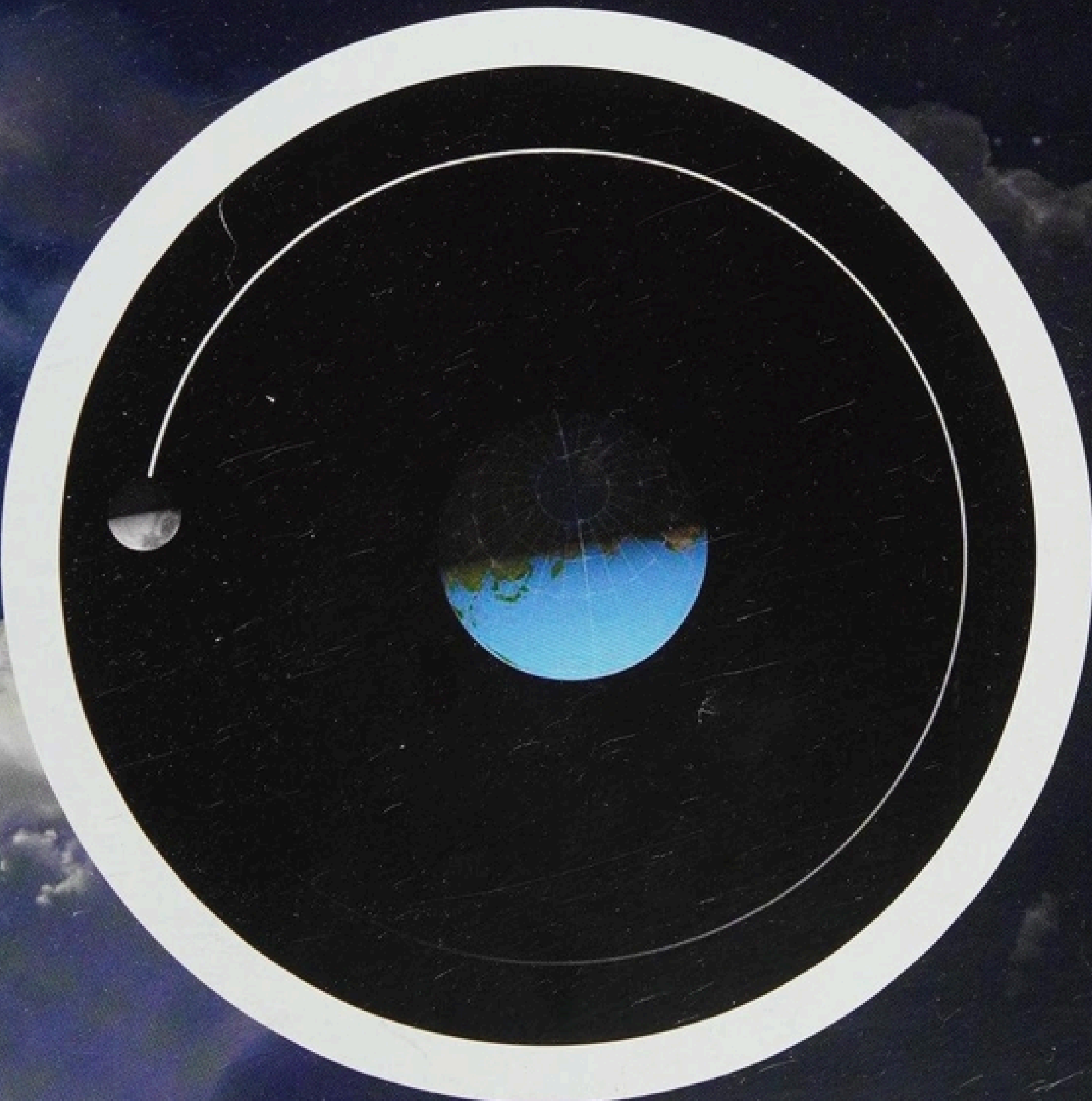
Andrea Rivera

Science

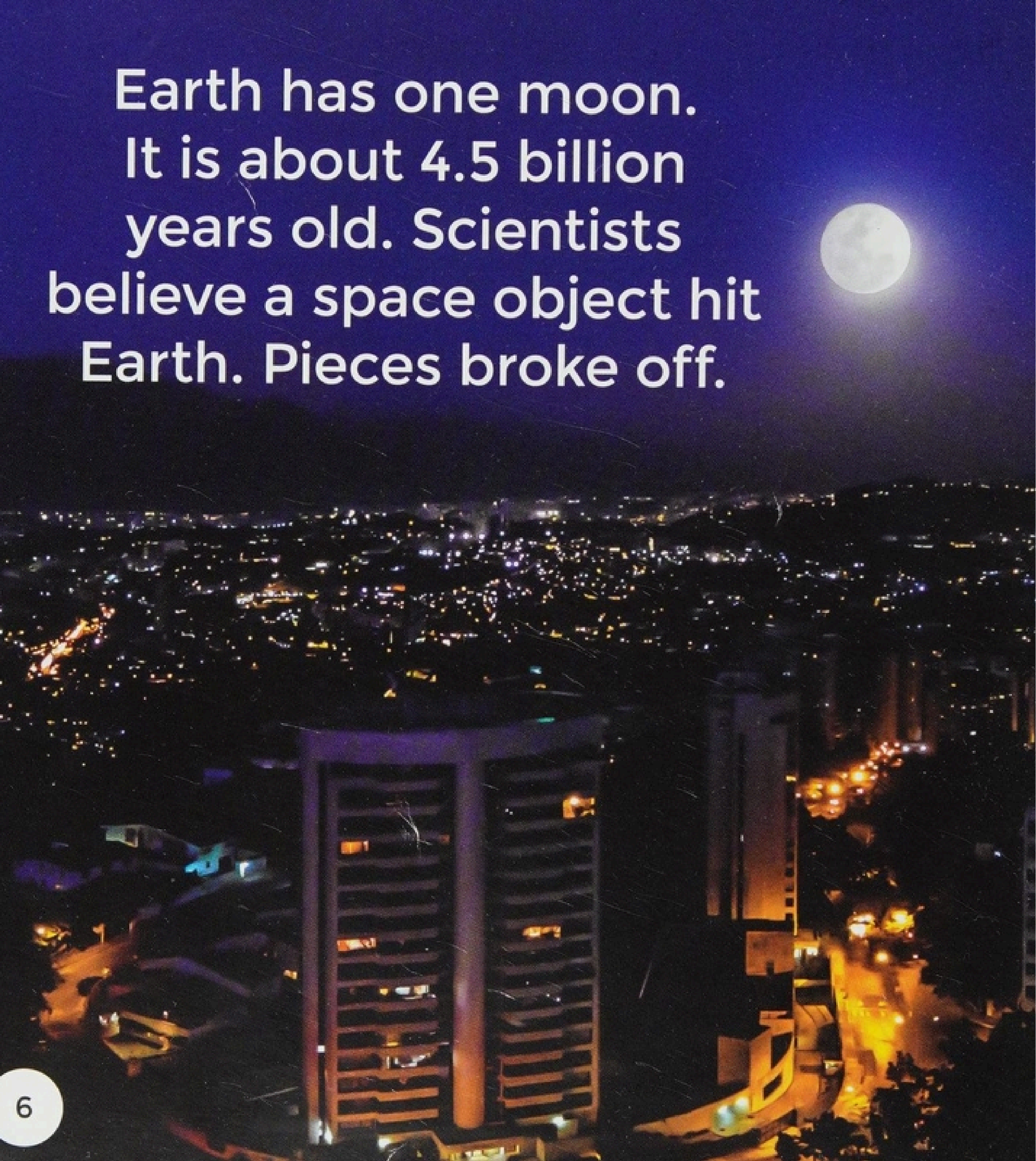


Moons are round objects.

They **orbit** larger planets. Moons can be different shapes, sizes, and colors.



Earth has one moon. It is about 4.5 billion years old. Scientists believe a space object hit Earth. Pieces broke off.



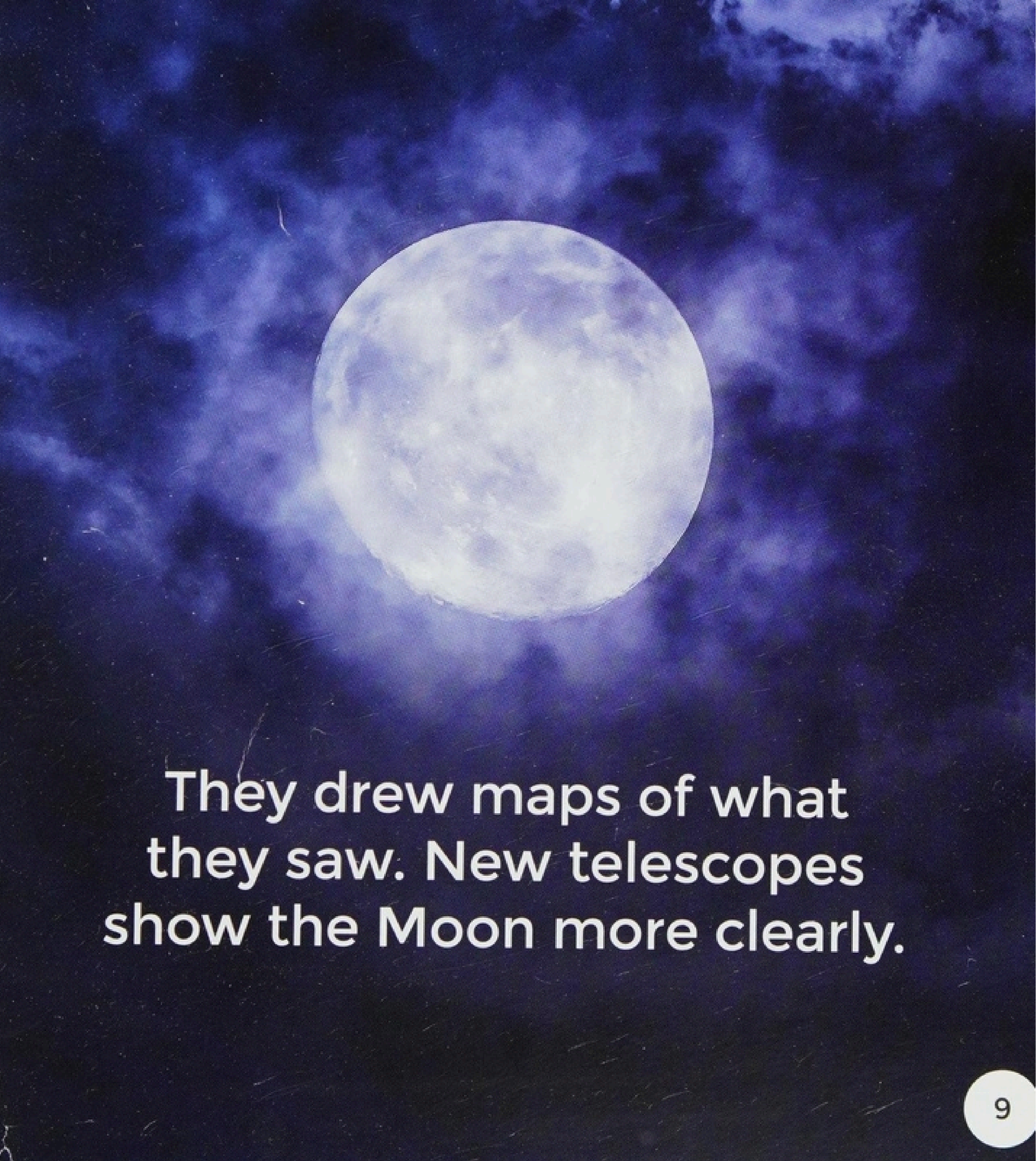


The pieces connected years later.
They formed the Moon.

Technology

People first observed the moon in the early 1600s. They used **telescopes**.

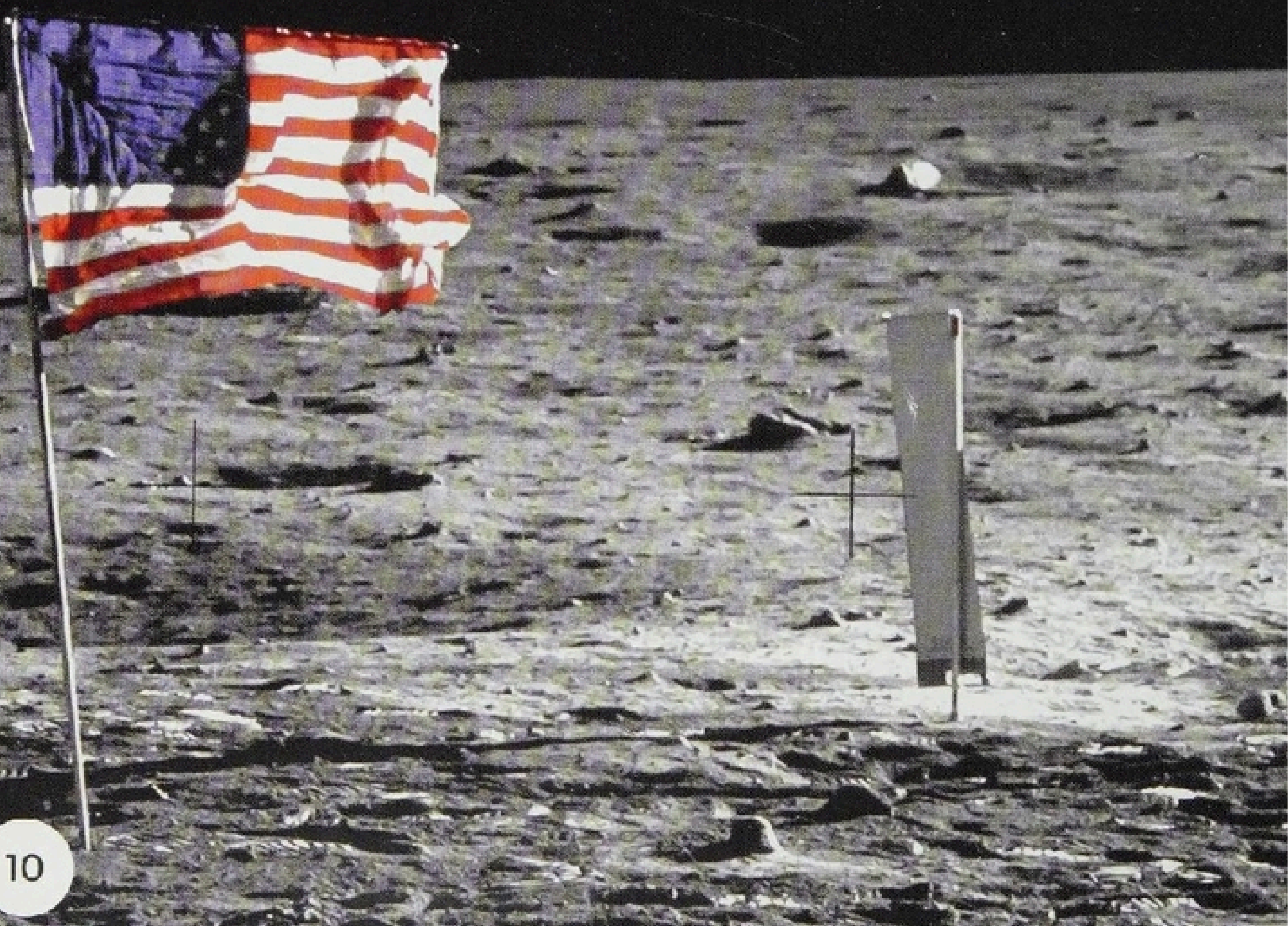


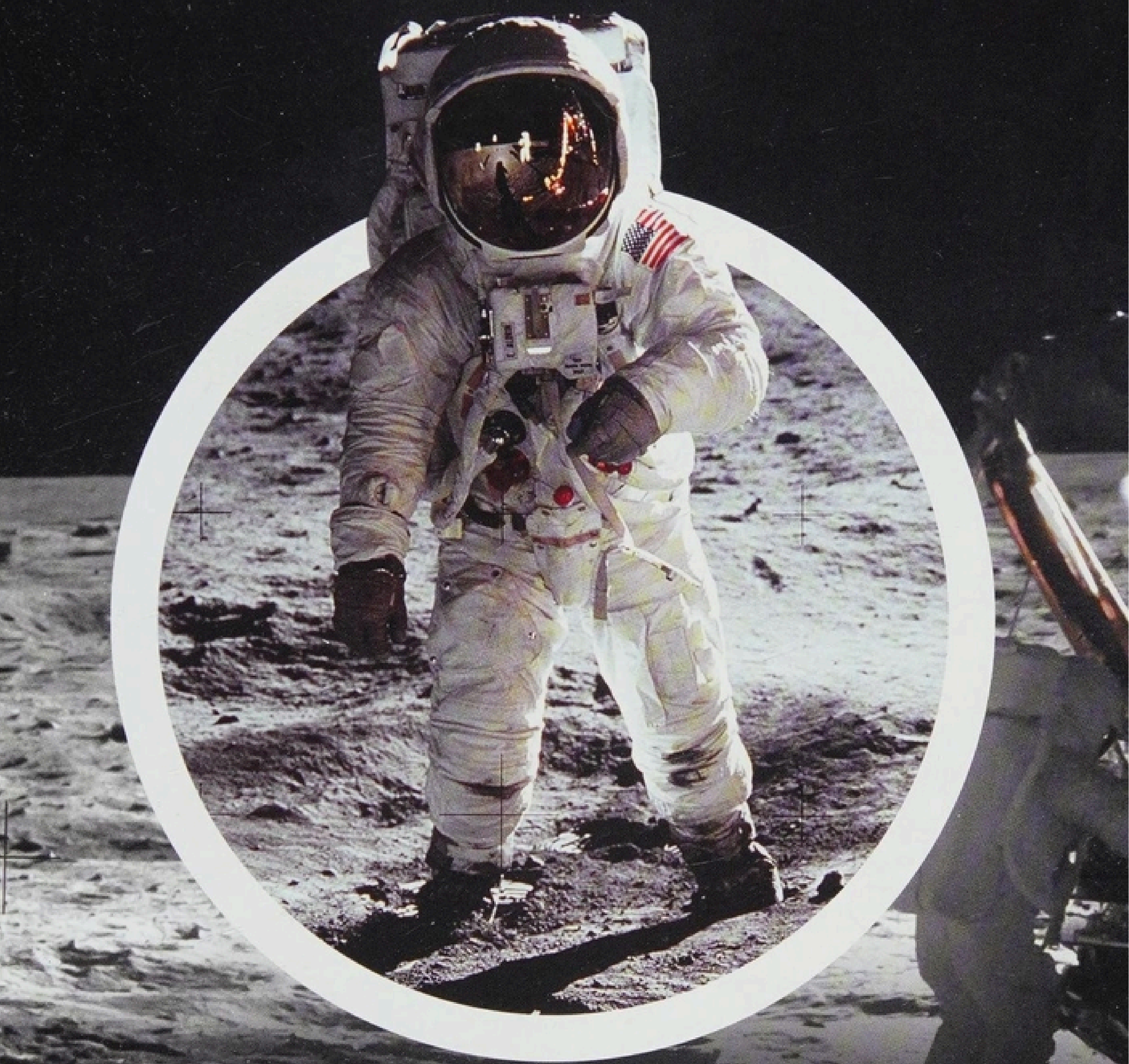


They drew maps of what they saw. New telescopes show the Moon more clearly.

Engineering

Humans first landed on the Moon in 1969.





The **astronauts** wore spacesuits.



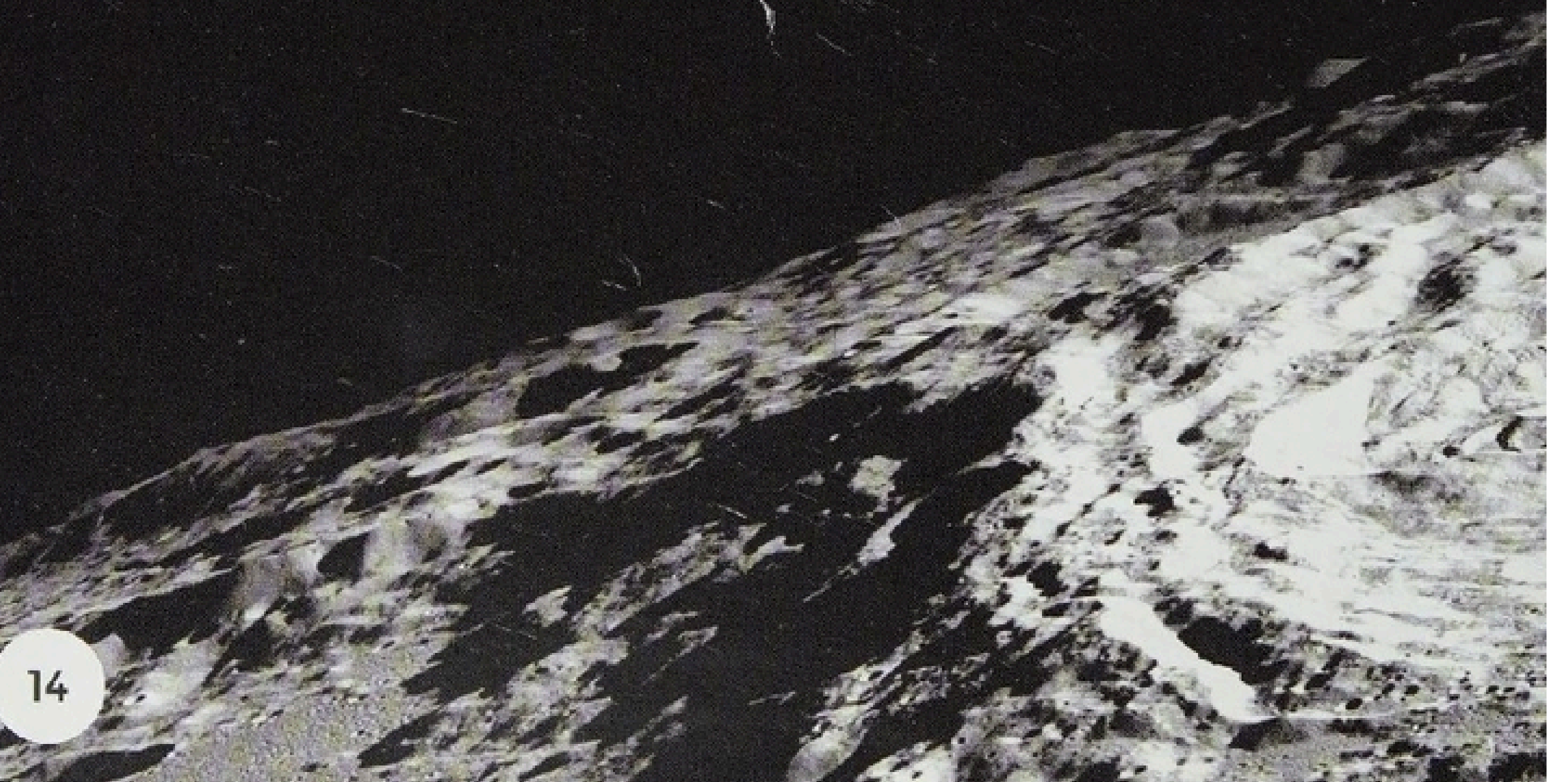
The suits had many layers.
Nothing could get inside.

A backpack held oxygen.
This let the astronauts breathe.



Art

The Moon is covered in large **craters**. These spots can make the Moon look like a face.




This has inspired m

Math

h each month



It goes through eight **phases**.
Its shadow changes each time.





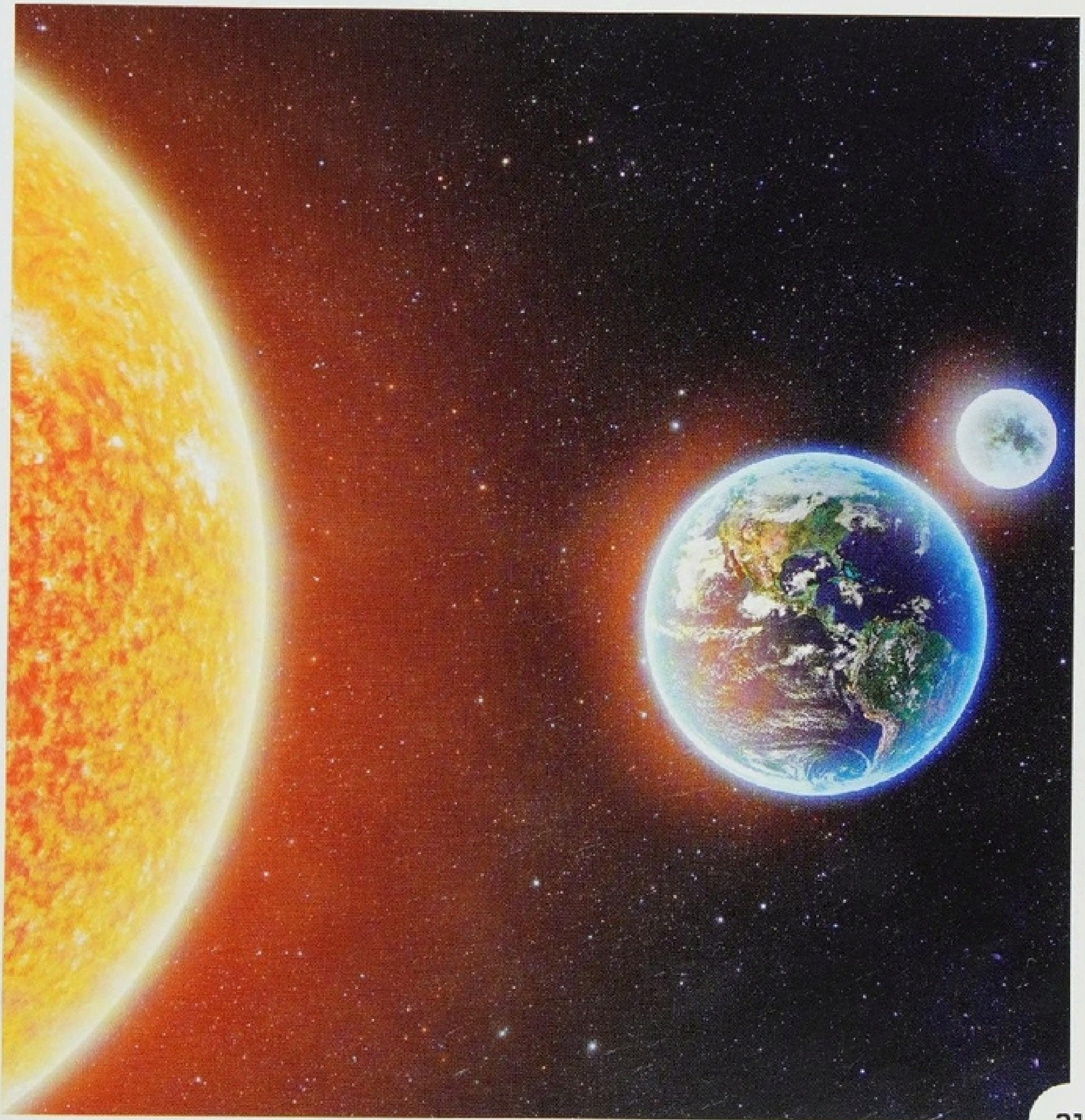
A full moon looks like a circle.



A crescent moon looks like the letter *C*.

Key Stats

- Earth is about four times bigger than the Moon.
- The Moon is around 250,000 miles (400,000 km) away from Earth.
- The Moon is the second brightest object in the sky. The sun is the brightest.
- The Moon does not create light. It reflects light from the sun.



Glossary

astronaut - someone who travels to space.

crater - a dip in the ground shaped like a large bowl.

orbit - to travel around something, usually in an oval path.

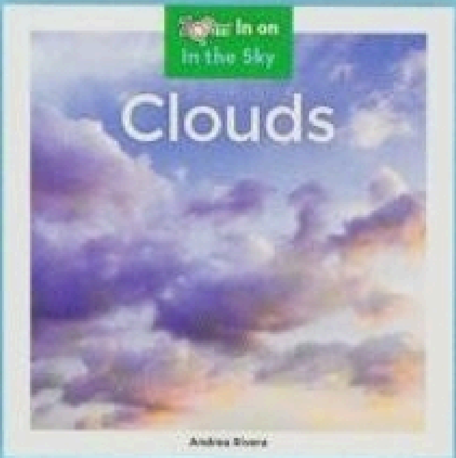
phase - a regularly occurring stage of change.

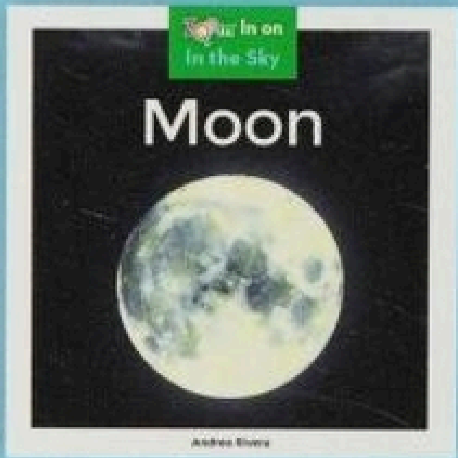
telescope - an instrument that uses lenses, mirrors, or both to make faraway objects look closer.

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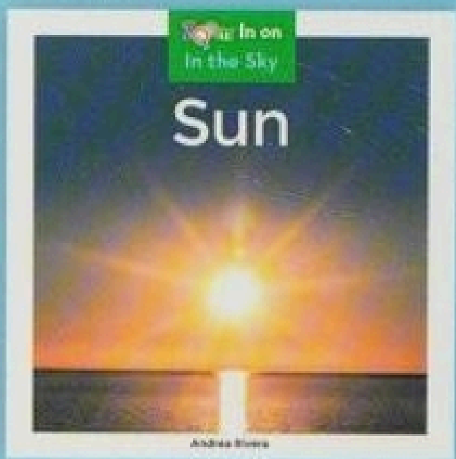
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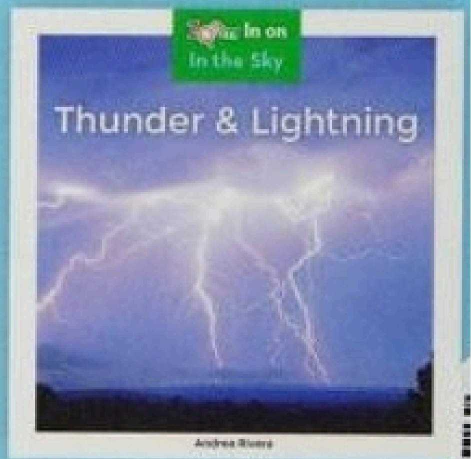












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